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|  |  | | **ASSIGNMENT - 4** |
| Task - 1 | | **Create two list and join those two list.** | | |

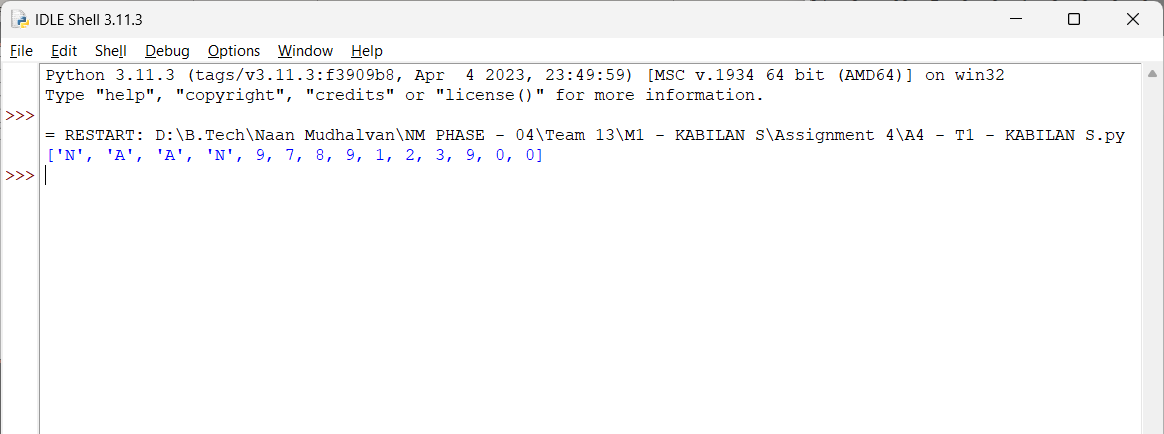
CODING:

list1 = ["N", "A" , "A" , "N"]

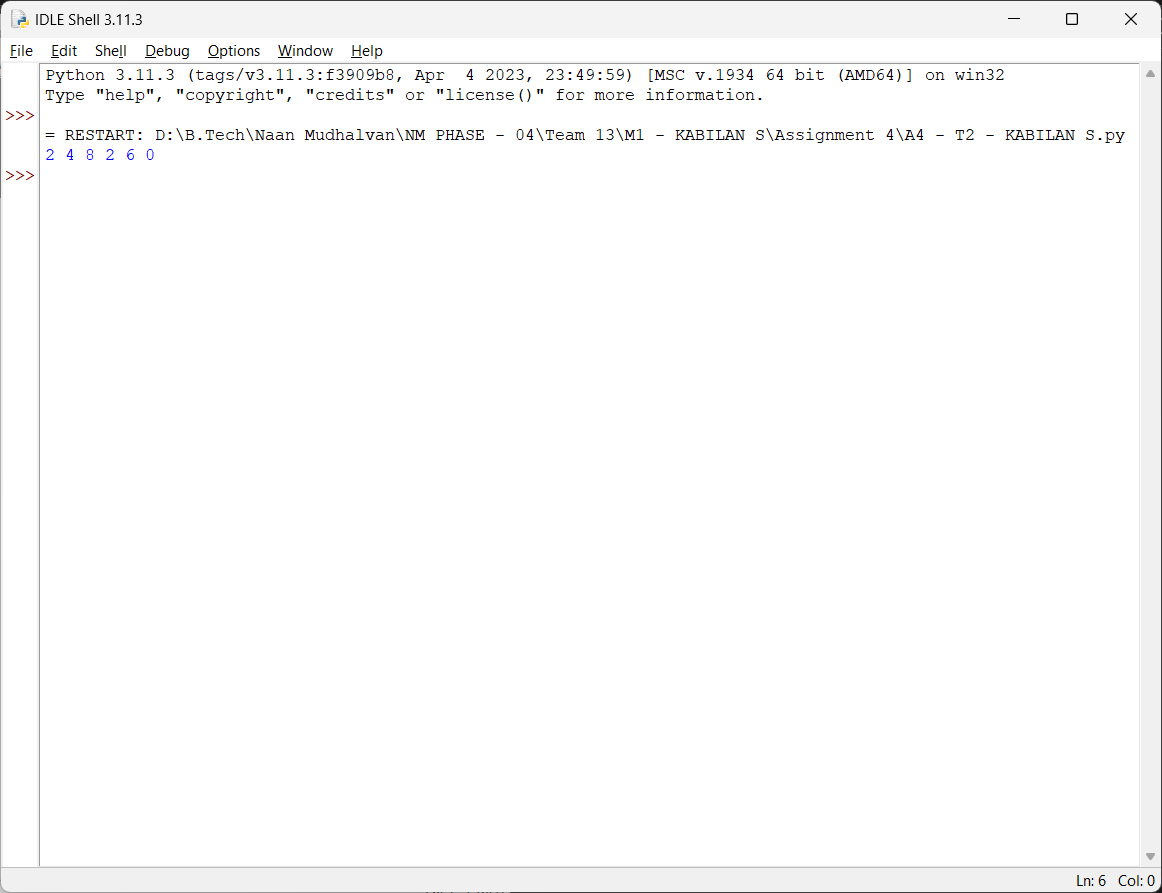
list2 = [9, 7, 8, 9, 1, 2, 3, 9, 0, 0]

list1.extend( list2) print(list1)

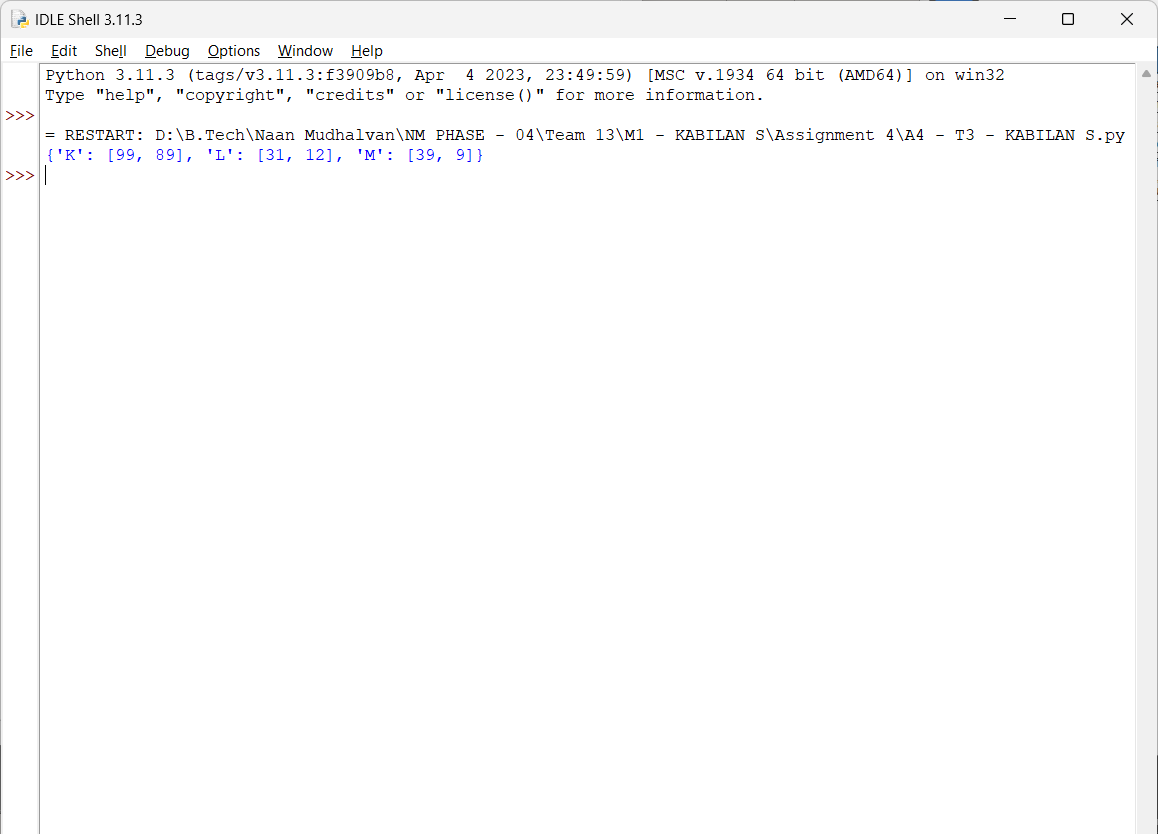
Output:



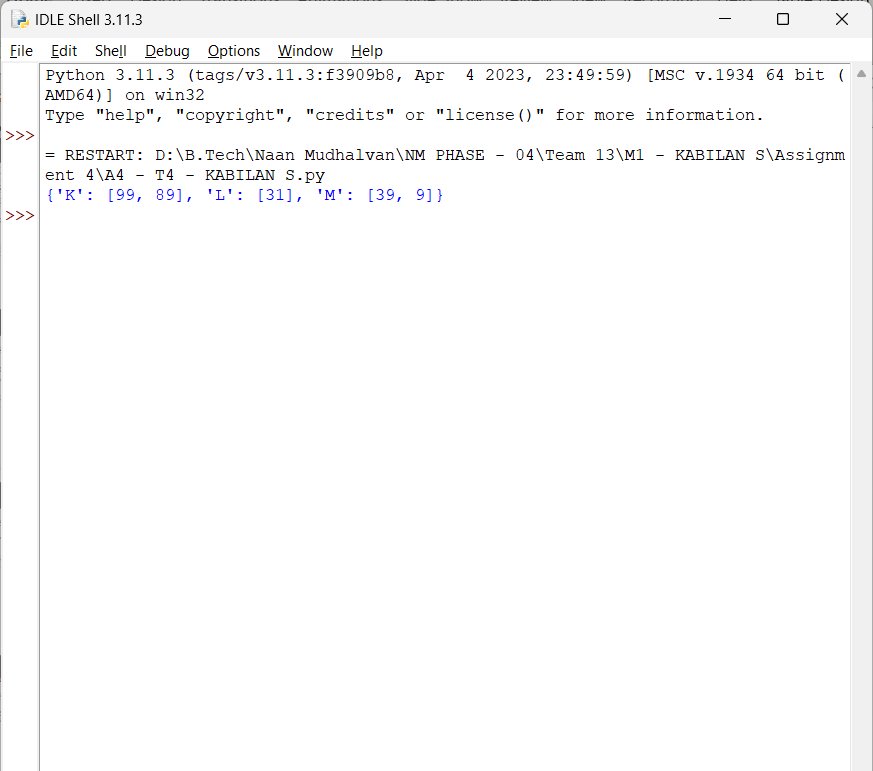
| **Task - 2** | **With if statement find the even numbers.** |
| --- | --- |
| **Coding:** |  |
| list1 = [1, 2, 3, 4]  list2 = [9, 7, 8, 9, 1, 2, 3, 9, 6, 0]  list3=list1.extend(list2) for n in list(n%2==0)  print(n, end=" ") | |
| **Output:** |  |



| **Task – 3** | **Create a Dictionary with 3 keys and 2 values for each key.** |
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| **Coding:** |  |
| k = {'K':[99, 89],'L':[31, 12],'M':[39, 9]}  print(k) | |
| **Output:** |  |



| **Task – 4** | **Create a function with if statement which is used to find the odd numbers.** |
| --- | --- |
| **Coding:** |  |
| def odd\_elements(dictionary):  return {key: [x for x in value if x % 2 != 0] for key, value in dictionary.items()} dictionary = {'K':[99, 89],'L':[31, 12],'M':[39, 9]}  filter\_dict = odd\_elements(dictionary) print(filter\_dict) | |
| **Output:** |  |



| **Task – 5** | **Write a Python function to sum all the numbers in a list.Sample List : (8,2,3,0,7) Expected Output : 20** |
| --- | --- |
| **Coding:** |  |
| list = [8,2,3,0,7]  print(sum(list)) | |
| **Output:** |  |

